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Last Update 8/13/2008



## QUALIFIED PAVEMENT MARKING MATERIALS LIST

Materials from the companies listed herein are pre-qualified for use on Wisconsin Department of Transportation projects in accordance with all applicable specifications and/ or Policy Memoranda. These materials have been inspected, tested, or evaluated for use.

All materials used are subject to inspection and testing and possible rejection for use in accordance with the Standard Specifications. Some pre-qualified materials require submittal of Certified Report of Test and Analysis be provided for materials used.

The below listed materials are generally used in permanent highway traffic delineation applications. Solventborne and waterborne paints are also used for temporary pavement marking applications.

[Epoxy Pavement Marking Materials](#)

[Flexible Delineator Post - Permanent](#)

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## EPOXY PAVEMENT MARKING MATERIALS, QUALIFIED PRODUCTS

**NOTE:** Only epoxy products from this list may be furnished to WisDOT projects  
 For each contract the contractor must submit a certified report of test or analysis indicating  
 the results of laboratory tests made on the epoxy material furnished for the work.  
 The applicable manufacturer batch numbers are to be identified in the submittal.  
 Date last edited: 6/28/2004

All yellow epoxy markings approved for use in Wisconsin are required to be lead free.

Manufacturer	Product Name/brand	Color
Poly-Carb, Inc. 33095 Bainbridge Road Cleveland, Ohio 44139	Slow set Mark-55A, B	White
	Slow set Mark-55A, B (Non-Lead)	Yellow
	Fast set Mark 55.3A, B	White
	Fast set Mark 55.3A, B (Non-Lead)	Yellow
Innovative Performance Systems (IPS) 102 Commerce Dr. Cuba, MO 65453	Slow set HPS-2	White
	Slow set HPS-2 (Non-Lead)	Yellow
Epoplex One Park Avenue Maple Shade, NJ 08052	Fast set LS50	White A
	Fast set LS50 (Non-Lead)	Yellow - LF A
	Slow set LS60	White A
	Slow set LS60 (Non-Lead)	Yellow - LF A
Sherwin-Williams 2325 Hollins Ferry Rd Baltimore, Maryland 21230	Slow Cure BP 16427 [PMM(99WI)-130]*	White
	Lead Free- Slow Cure BP 16429 [PMM(99WI)-132]*	Yellow
	Fast Cure TM-8212	White
	Lead Free - Fast Cure TM-8215	Yellow

\*[PMM(99WI)-13X] = AASHTO National Transportation Product Evaluation Program(NTPEP)"Report 00, Number 214" line number provided for information only.

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Flexible Delineator Posts

**Flexible Delineator Posts**

Date last edited: 4/10/2008

<u>Product Name</u>	<u>Manufacturer</u>	<u>Date Approved</u>
Model SH248GP3 - WS (white)	Safe - Hit	1/1/2003
Model SH248GP3 - YA (yellow)	Hayward, CA	1/1/2003
Model FG-566-PA -W1 (white)	Davidson Plastics	1/1/2003
Model FG-566-PA -Y1 (yellow)	Tacoma, WA	1/1/2003
Survivor Post Model CDS306601 (white)	Carsonite Composites	1/1/2003
Survivor Post Model CDS306602 (yellow)	605 Bob Gifford Blvd Early Branch , SC 29916 803-943-9115	1/1/2003
Curv-Flex, Model CFR406601 (white)	Carsonite Composites	1/1/2003
Curv-Flex, Model CFR406602 (yellow)	605 Bob Gifford Blvd Early Branch , SC 29916 803-943-9115	1/1/2003

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## Pavement Marking Grooved Wet Reflective Tape

This list will go into effect at the earliest for the July 2008 Let Projects

Date edited: 4/07/08 Companion of STSP 646-018

\*A temporary marking change order may be required when previous let projects do not include as part of the bid item.

Product	Manufacturer
Stamark Wet Reflective Pavement Marking Tape 380WR ES	3M Traffic Control Materials Division 3M Center, Building 225-5S-08 P. O. Box 33225 St. Paul, MN 55133-3225
Adhesive	
3M Brand P-50	<a href="http://www.3m.com/tcm">www.3m.com/tcm</a>
Training	
3M Traffic Control Materials Division 1-800-553-1380	

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### New Asphalt - choice between inlay or grooving

A) **Inlay tape** when the coarse mix is between 130 and 170 degrees Fahrenheit, fine mix between 120 and 150 degrees Fahrenheit

B) **Groove after waiting a minimum of ten days following paving**  
Air and surface temperature requirement of 40 degrees Fahrenheit and rising.

**New For 2008: 100 mils +/- 10 mils groove**

Lane open to traffic - temporary marking included in bid item\*.

Lane closed to traffic - temporary marking not required

### Existing Asphalt

Check for structural integrity in supporting grooving operations.

#### Rules to follow for the 2008 Construction Season:

##### New Marking:

Place Series 380WR (wet reflective tape) for entire lane line (12 1/2 feet typical). Do not place the 2 foot supplemental wet reflective tape segment.

##### Existing Sprayed Marking or 380I-ES(non wet reflective tape):

Place Series 2 foot supplemental segment 380WR Tape.

**Avoid use of the listed adhesive, no matter the container size, between May 1 and September 31 in the non-attainment and maintenance Lake Michigan counties of Door, Kenosha, Kewaunee, Manitowoc, Milwaukee, Ozaukee, Racine, Sheboygan, Washington and Waukesha.**

## Pavement Marking Grooved Wet Reflective Contrast Tape

This list will go into effect at the earliest for the July 2008 Let Projects

Date edited: 4/07/08 Companion of STSP 646-022

\*A temporary marking change order may be required when previous let projects do not include as part of the bid item.

Product	Manufacturer
Stamark Wet Reflective Pavement Marking Tape 380-5WR ES	3M Traffic Control Materials Division 3M Center, Building 225-5S-08 P. O. Box 33225 St. Paul, MN 55133-3225 <a href="http://www.3m.com/tcm">www.3m.com/tcm</a>
Adhesive	
3M Brand P-50	
Training	
3M Traffic Control Materials Division 1-800-553-1380	

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### New Asphalt - choice between inlay or grooving

A) **Inlay tape** when the coarse mix is between 130 and 170 degrees Fahrenheit, fine mix between 120 and 150 degrees Fahrenheit

B) **Groove after waiting a minimum of ten days following paving**  
Air and surface temperature requirement of 40 degrees Fahrenheit and rising.

**New For 2008: 100 mils +/- 10 mils groove**

Lane open to traffic - temporary marking included in bid item\*.  
Lane closed to traffic - temporary marking not required

### Existing Asphalt

Check for structural integrity in supporting grooving operations.

### Rules to follow for the 2008 Construction Season:

#### New Marking:

Place Series 380-5WR (wet reflective tape) for entire lane line (12 1/2 feet typical). Do not place the 2 foot supplemental wet reflective tape segment.

#### Existing Sprayed Marking or 380I-ES(non wet reflective tape):

Place Series 2 foot supplemental segment 380-5WR Tape.

**Avoid use of the listed adhesive, no matter the container size, between May 1 and September 31 in the non-attainment and maintenance Lake Michigan counties of Door, Kenosha, Kewaunee, Manitowoc, Milwaukee, Ozaukee, Racine, Sheboygan, Washington and Waukesha.**

## Pavement Marking Wet Reflective Tape

This list will go into effect at the earliest for the July 2008 Let Projects  
Date edited: 4/07/2008 Companion of STSP 646-017

### Product

Stamark Wet Reflective Pavement Marking Tape 380WR ES

### Company

3M Traffic Control Materials Division  
3M Center, Building 225-5S-08  
P. O. Box 33225  
St. Paul, MN 55133-3225  
[www.3m.com/tcm](http://www.3m.com/tcm)

### Training

3M Traffic Control Materials Division

1-800-553-1380

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### Rules to follow for the 2008 Construction Season:

When Series 380WR (wet reflective tape) is used on a project for the entire lane line (12 1/2 feet typical), the 2 foot supplemental wet reflective tape segment is not needed.

When a project has sprayed markings or 380I-ES (non wet reflective tape) markings for lane lines, use Series 380WR Tape for the 2 foot supplemental segment.

**Inlay tape** when the coarse mix is between 130 and 170 degrees Fahrenheit, fine mix between 120 and 150 degrees Fahrenheit

## Preformed Plastic Marking Materials

This list replaces Pavement Marking Raised Patterned or Grooved Raised Patterned- Pre-Cut Special Marking Tape for August 2007 Let Projects  
Date edited: 3/21/07

Product	Manufacturer	Training
STAMARK Pliant Polymer Patterned Pavement Marking Tape High Performance Wet Reflective Tape 380WR	3M Traffic Control Materials Division 3M Center, Building 225-5S-08 P. O. Box 33225 St. Paul, MN 55133-3225 <a href="http://www.3m.com/tcm">www.3m.com/tcm</a>	3M Traffic Control Materials Division 1-800-553-1380
Adhesive- 3M Brand P-50		
Brite-Line 1000	Brite-Line Technologies, Inc.  104 Revere St. Canton, MA 02021 Phone: 888-201-6448 <a href="http://www.brite-line.com">www.brite-line.com</a>	
Adhesive- Brite-Line C-20 Contact Adhesive		
Swarco Director 60	Swarco Industries, Inc. 270 Rutherford Lane TN 38402 Columbia / USA Phone: 001-931-388-5900 Fax: 001-931-388-4039 E-Mail: <a href="mailto:office.industries@swarco.com">office.industries@swarco.com</a>	
Swarco Contact Cement Adhesive or Primer Sealer		

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Avoid use of the listed adhesives, no matter the container size, between May 1 and September 31 in the non-attainment and maintenance Lake Michigan counties of Door, Kenosha, Kewaunee, Manitowoc, Milwaukee, Ozaukee, Racine, Sheboygan, Sheboygan, Washington and Waukesha

## Preformed Thermoplastic Marking Materials

**Date: 12-28-2004**

<u>Manufacturer</u>	<u>Product Name/brand</u>
Ennis Paint, Inc 3550 Agricultural Center Dr. St. Augustine, FL 32092	Flametape
Zumar Industries P.O. Box 44549 Tacoma, WA 98444	HotTape
Flint Trading 115 Todd Court Thomasville, NC 27360	Premark Plus

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## **SOLVENTBORNE PAINT**

**Date last edited: 04/01/2005**

Only approved pavement marking products selected from the below list may be used. The list is established from the current Traffic Paint Performance Test done by the Bureau of Highway Operations. A sample of the product may be required by the engineer before use in order to verify the product is manufactured within the range of values listed below. The paint number shown on the list is a product number. This number must be marked on product containers and shipping documents. Refer to the Standard Specifications, section 646.2.2.

**Company: Ennis Paint, Inc\***

<u>Color</u>	<u>Paint number</u>
WHITE	UV 49W0021
YELLOW(no lead)	WIY AC-M-2

**Company: Sherwin -Williams**

<u>Color</u>	<u>Paint number</u>
WHITE	TM 5648
YELLOW(no lead)	TM 5705

\* Formerly LaFarge - Centerline Industries, Inc.

**Both products meet the WisDOT requirement of 91 grams/liter or less VOC**

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**WATERBORNE PAINT****Date last edited: 06/17/2007**

Only approved pavement marking products selected from the below list may be used. The list is established from the current Traffic Paint Performance Test done by the Bureau of Highway Operations. A sample of the product may be required by the engineer before use in order to verify the product is manufactured within the range of values listed below. The paint number shown on the list is a product number. This number must be marked on product containers and shipping documents. Refer to the Standard Specifications, section 646.2.2.

<u>Company</u>	<u>Color</u>	<u>Paint Number</u>	<u>Manufacture Number</u>
Diamond -Vogel	White	#73W-VLX 15559	
Diamond -Vogel	Yellow	#79Y-VLX 15565	
Diamond -Vogel	White	#76W-VLX 15562 Hi Build	
Diamond -Vogel	Yellow	#77Y-VLX 15563 Hi Build	
*Ennis Paint	White	#29W-991015	
Ennis Paint	White	#28W-901014	
Ennis Paint	Yellow	#31Y-991017	
**Sherwin Williams - Baltimore	White	BP 16442 (Durable Hi-Build)	
Sherwin Williams - Baltimore	White	BP 16435 <sup>(1)</sup>	TM-2276
Sherwin Williams - Baltimore	Yellow	BP 16436 <sup>(1)</sup>	TM 2277
Sherwin Williams - Baltimore	Yellow	BP 16443 ( Durable Hi- Build)	

\*Formerly LaFarge- Centerline Industries

\*\* Sherwin Williams has purchased Baltimore and is phasing out the Baltimore product name.

(1) Denotes products under contract #405088

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